

## Water Management

Clinton County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
11B: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
Ely-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.12	Somewhat limited Slow refill	0.30
					Deep to water Cutbanks cave	0.25 0.10
41B: Sparta-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
41C: Sparta-----	Very limited Seepage	1.00	Very limited Seepage	1.00	Very limited Deep to water	1.00
41E: Sparta-----	Very limited Seepage Slope	1.00 0.02	Very limited Seepage	1.00	Very limited Deep to water	1.00
42: Granby-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.97	Very limited Cutbanks cave	1.00
51: Vesser-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.10	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
54: Zook-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.98	Somewhat limited Slow refill	0.95
					Cutbanks cave	0.10
63C: Chelsea-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.96	Very limited Deep to water	1.00

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63E: Chelsea-----	Very limited		Somewhat limited		Very limited	
	Seepage	1.00	Seepage	0.96	Deep to water	1.00
	Slope	0.02				
63G: Chelsea-----	Very limited		Somewhat limited		Very limited	
	Seepage	1.00	Seepage	0.96	Deep to water	1.00
	Slope	0.24				
65E2: Lindley-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.05	Piping	0.57	Deep to water	1.00
	Slope	0.04				
65E3: Lindley-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.05	Piping	0.57	Deep to water	1.00
	Slope	0.04				
65F2: Lindley-----	Somewhat limited		Somewhat limited		Very limited	
	Slope	0.18	Piping	0.57	Deep to water	1.00
	Seepage	0.05				
65F3: Lindley-----	Somewhat limited		Somewhat limited		Very limited	
	Slope	0.18	Piping	0.57	Deep to water	1.00
	Seepage	0.05				
65G: Lindley-----	Somewhat limited		Somewhat limited		Very limited	
	Slope	0.64	Piping	0.57	Deep to water	1.00
	Seepage	0.05				
65G3: Lindley-----	Somewhat limited		Somewhat limited		Very limited	
	Slope	0.64	Piping	0.57	Deep to water	1.00
	Seepage	0.05				
83B: Kenyon-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.50	Deep to water	1.00
83C: Kenyon-----	Somewhat limited		Somewhat limited		Very limited	
	Seepage	0.70	Piping	0.50	Deep to water	1.00

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83C2: Kenyon-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.50	Very limited Deep to water	1.00
84: Clyde-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.35	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
88: Nevin-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
110C: Lamont-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.49	Very limited Deep to water	1.00
118: Garwin-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
119: Muscatine-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
120: Tama-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.07	Very limited Deep to water	1.00
120B: Tama-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.07	Very limited Deep to water	1.00
120C: Tama-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.07	Very limited Deep to water	1.00
120C2: Tama-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.02	Very limited Deep to water	1.00

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120D: Tama-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.07	Very limited Deep to water	1.00
120D2: Tama-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.02	Very limited Deep to water	1.00
133: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
133+: Colo-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
142: Chaseburg-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Somewhat limited Deep to water Slow refill Cutbanks cave	0.96 0.30 0.10
142B: Chaseburg-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Somewhat limited Deep to water Slow refill Cutbanks cave	0.96 0.30 0.10
143: Brady-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.95	Very limited Cutbanks cave Deep to water	1.00 0.01
152: Marshan-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.95	Very limited Cutbanks cave	1.00
159: Finchford-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.39	Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
159C: Finchford-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.39	Very limited Deep to water	1.00
160: Walford-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
162B: Downs-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.09	Very limited Deep to water	1.00
162C: Downs-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.09	Very limited Deep to water	1.00
162C2: Downs-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.09	Very limited Deep to water	1.00
162D: Downs-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.09	Very limited Deep to water	1.00
162D2: Downs-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.09	Very limited Deep to water	1.00
162E2: Downs-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping	0.09	Very limited Deep to water	1.00
163B: Fayette-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
163C: Fayette-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
163C2: Fayette-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.03	Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
163D2: Fayette-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
163D3: Fayette-----	Somewhat limited Seepage Slope	0.70 0.01	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
163E2: Fayette-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
163E3: Fayette-----	Somewhat limited Seepage Slope	0.70 0.04	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
163F2: Fayette-----	Somewhat limited Seepage Slope	0.70 0.18	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
163F3: Fayette-----	Somewhat limited Seepage Slope	0.70 0.18	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
163G: Fayette-----	Somewhat limited Seepage Slope	0.70 0.64	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
163G3: Fayette-----	Somewhat limited Seepage Slope	0.70 0.64	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
175: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
175B: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00

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175C: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
175D: Dickinson-----	Very limited Seepage Slope	1.00 0.02	Somewhat limited Seepage	0.95	Very limited Deep to water	1.00
177: Saude-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
177B: Saude-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.20	Very limited Deep to water	1.00
177C: Saude-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
178: Waukee-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
178B: Waukee-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.43	Very limited Deep to water	1.00
179D2: Gara-----	Somewhat limited Seepage Slope	0.05 0.01	Not limited		Very limited Deep to water	1.00
184: Klinger-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.09	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
213B: Rockton-----	Very limited Seepage Depth to bedrock	1.00 0.86	Somewhat limited Thin layer Piping	0.86 0.77	Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
214B: Rockton-----	Very limited Seepage Depth to bedrock	1.00 0.86	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
214C: Rockton-----	Very limited Seepage Depth to bedrock	1.00 0.86	Somewhat limited Thin layer	0.86	Very limited Deep to water	1.00
216B: Ripon-----	Very limited Seepage Depth to bedrock	1.00 0.86	Somewhat limited Thin layer Piping	0.86 0.36	Very limited Deep to water	1.00
216C: Ripon-----	Very limited Seepage Depth to bedrock	1.00 0.86	Somewhat limited Thin layer Piping	0.86 0.36	Very limited Deep to water	1.00
217B: Ripon-----	Very limited Seepage Depth to bedrock	1.00 0.86	Somewhat limited Thin layer Piping	0.86 0.82	Very limited Deep to water	1.00
217C: Ripon-----	Very limited Seepage Depth to bedrock	1.00 0.86	Somewhat limited Thin layer Piping	0.86 0.82	Very limited Deep to water	1.00
221: Palms-----	Very limited Seepage	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Cutbanks cave	0.10
226: Lawler-----	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone Seepage	0.43 0.20	Very limited Cutbanks cave Deep to water	1.00 0.25
249: Zwingle-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.88	Somewhat limited Slow refill Cutbanks cave	0.30 0.10



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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
249B: Zwingle-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.88	Very limited Deep to water	1.00
284B: Flagler-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
284C: Flagler-----	Very limited Seepage	1.00	Somewhat limited Seepage	1.00	Very limited Deep to water	1.00
285B: Burkhardt-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.91	Very limited Deep to water	1.00
285D: Burkhardt-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.91	Very limited Deep to water	1.00
285F2: Burkhardt-----	Very limited Seepage Slope	1.00 0.12	Somewhat limited Seepage	0.91	Very limited Deep to water	1.00
291: Atterberry-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.05	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
293E: Chelsea-----	Very limited Seepage Slope	1.00 0.03	Somewhat limited Seepage	0.67	Very limited Deep to water	1.00
Fayette-----	Somewhat limited Seepage Slope	0.70 0.03	Somewhat limited Piping	0.03	Very limited Deep to water	1.00
Lamont-----	Very limited Seepage Slope	1.00 0.03	Somewhat limited Seepage	0.49	Very limited Deep to water	1.00

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315: Fluents-----	Very limited Seepage	1.00	Very limited Hard to pack	1.00	Very limited Deep to water	1.00
Ambraw-----	Somewhat limited Seepage	0.57	Very limited Depth to saturated zone Piping	1.00 0.35	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
350: Waukegan-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.93	Very limited Deep to water	1.00
350B: Waukegan-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.93	Very limited Deep to water	1.00
350C: Waukegan-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.93	Very limited Deep to water	1.00
351: Atterberry-----	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone Seepage Piping	0.43 0.20 0.15	Very limited Cutbanks cave Deep to water	1.00 0.25
352B: Whittier-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.49	Very limited Deep to water	1.00
353: Tell-----	Very limited Seepage	1.00	Very limited Piping Seepage	1.00 0.20	Very limited Deep to water	1.00
353B: Tell-----	Very limited Seepage	1.00	Very limited Piping Seepage	1.00 0.20	Very limited Deep to water	1.00
353C: Tell-----	Very limited Seepage	1.00	Very limited Piping Seepage	1.00 0.20	Very limited Deep to water	1.00

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354: Aquolls-----	Not rated		Not rated		Not rated	
373E2: Timula-----	Somewhat limited Seepage Slope	0.70 0.04	Very limited Piping	1.00	Very limited Deep to water	1.00
377B: Dinsdale-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Seepage	0.22 0.02	Very limited Deep to water	1.00
377C: Dinsdale-----	Somewhat limited Seepage	0.70	Somewhat limited Piping Seepage	0.22 0.02	Very limited Deep to water	1.00
382: Maxfield-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
399: Readlyn-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.42	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
404: Thorp-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping Seepage	1.00 0.84 0.09	Somewhat limited Cutbanks cave	0.10
407B: Schley-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01

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408B: Olin-----	Very limited Seepage	1.00	Somewhat limited Piping Seepage	0.85 0.08	Very limited Deep to water	1.00
409B: Dickinson-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.08	Very limited Deep to water	1.00
412D: Sogn-----	Very limited Seepage Depth to bedrock	1.00 1.00	Very limited Thin layer Piping	1.00 0.15	Very limited Deep to water	1.00
420: Tama-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.07	Very limited Deep to water	1.00
420B: Tama-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.07	Very limited Deep to water	1.00
426B: Aredale-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.60	Very limited Deep to water	1.00
428B: Ely-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone Piping	0.43 0.14	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
462: Downs-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.09	Very limited Deep to water	1.00
462B: Downs-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.09	Very limited Deep to water	1.00
462C: Downs-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.09	Very limited Deep to water	1.00
463B: Fayette-----	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.03	Very limited Deep to water	1.00

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478G: Nordness-----	Very limited Seepage Depth to bedrock Slope	 1.00 1.00 0.85	Very limited Thin layer Piping	 1.00 0.63	Very limited Deep to water	 1.00
Rock Outcrop-----	Very limited Seepage Slope	 1.00 0.85	Very limited Hard to pack	 1.00	Very limited Deep to water	 1.00
499D: Nordness-----	Very limited Seepage Depth to bedrock	 1.00 1.00	Very limited Thin layer Piping	 1.00 0.63	Very limited Deep to water	 1.00
499F: Nordness-----	Very limited Seepage Depth to bedrock Slope	 1.00 1.00 0.12	Very limited Thin layer Piping	 1.00 0.63	Very limited Deep to water	 1.00
591B: Clyde-----	Somewhat limited Seepage	 0.70	Very limited Depth to saturated zone Piping Seepage	 1.00 0.35 0.06	Somewhat limited Slow refill Cutbanks cave	 0.30 0.10
Schley-----	Somewhat limited Seepage	 0.70	Very limited Depth to saturated zone	 1.00	Somewhat limited Slow refill Cutbanks cave Deep to water	 0.30 0.10 0.01
662C2: Mt. Carroll-----	Somewhat limited Seepage	 0.70	Somewhat limited Piping	 0.71	Very limited Deep to water	 1.00
662D2: Mt. Carroll-----	Somewhat limited Seepage Slope	 0.70 0.01	Somewhat limited Piping	 0.71	Very limited Deep to water	 1.00
662E2: Mt. Carroll-----	Somewhat limited Seepage Slope	 0.70 0.04	Somewhat limited Piping	 0.71	Very limited Deep to water	 1.00

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688: Koszta-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.86	Somewhat limited Slow refill	0.30
					Cutbanks cave Deep to water	0.10 0.06
727: Udolpho-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Cutbanks cave	1.00
728: Udolpho-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 1.00	Very limited Cutbanks cave	1.00
733: Calco-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
760: Ansgar-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.02	Somewhat limited Slow refill	0.30
					Cutbanks cave	0.10
777B: Wapsie-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.98	Very limited Deep to water	1.00
777C: Wapsie-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.98	Very limited Deep to water	1.00
809B: Bertram-----	Very limited Seepage Depth to bedrock	1.00 0.86	Somewhat limited Thin layer Seepage	0.86 0.08	Very limited Deep to water	1.00
918: Garwin-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Seepage	1.00 0.45	Very limited Cutbanks cave	1.00

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919: Muscatine-----	Very limited Seepage	1.00	Somewhat limited Seepage Piping Depth to saturated zone	0.45 0.22 0.09	Very limited Cutbanks cave Deep to water	1.00 0.54
920: Tama-----	Very limited Seepage	1.00	Somewhat limited Piping Seepage	0.96 0.45	Very limited Deep to water	1.00
920B: Tama-----	Very limited Seepage	1.00	Somewhat limited Piping Seepage	0.96 0.45	Very limited Deep to water	1.00
923: Coyne-----	Very limited Seepage	1.00	Somewhat limited Seepage Piping	0.98 0.88	Very limited Deep to water	1.00
933: Sawmill-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
949: Zwingle Variant----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 1.00	Somewhat limited Slow refill Cutbanks cave	0.95 0.10
951F: Medary-----	Very limited Seepage Slope	1.00 0.24	Not limited		Very limited Cutbanks cave Deep to water	1.00 0.96
953: Darwin Variant-----	Very limited Seepage Depth to bedrock	1.00 0.86	Very limited Depth to saturated zone Thin layer Hard to pack	1.00 0.86 0.72	Very limited Depth to hard bedrock Cutbanks cave	1.00 0.10

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Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
960: Shaffton-----	Very limited Seepage	1.00	Somewhat limited Seepage Depth to saturated zone	0.98 0.43	Very limited Cutbanks cave Deep to water	1.00 0.25
961: Ambraw-----	Somewhat limited Seepage	0.57	Very limited Depth to saturated zone Piping	1.00 0.35	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
962: Elvira-----	Very limited Seepage	1.00	Very limited Depth to saturated zone Piping Seepage	1.00 0.07 0.06	Very limited Cutbanks cave	1.00
963: Elvers-----	Very limited Seepage	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Cutbanks cave	0.10
976: Raddle-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Very limited Deep to water	1.00
1118: Garwin-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
1119: Muscatine-----	Somewhat limited Seepage	0.70	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Slow refill Deep to water Cutbanks cave	0.30 0.25 0.10
1142: Chaseburg-----	Somewhat limited Seepage	0.70	Very limited Piping	1.00	Somewhat limited Deep to water Slow refill Cutbanks cave	0.96 0.30 0.10



FIELD OFFICE TECHNICAL GUIDE Sec. II  
ENGINEERING INTERPRETATIONS

Water Management

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Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1160: Walford-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.30 0.10
1291: Atterberry-----	Somewhat limited Seepage	0.70	Very limited Depth to saturated zone Piping	1.00 0.05	Somewhat limited Slow refill Cutbanks cave Deep to water	0.30 0.10 0.01
1777: Wapsie Variant-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.98	Very limited Deep to water	1.00
1954: Darwin-----	Very limited Seepage Depth to bedrock	1.00 0.10	Very limited Depth to saturated zone Hard to pack Thin layer	1.00 0.91 0.11	Somewhat limited Depth to hard bedrock Cutbanks cave	0.42 0.10
5010: Pits-----	Not rated		Not rated		Not rated	
5030: Pits-----	Not rated		Not rated		Not rated	
5040: Orthents-----	Not rated		Not rated		Not rated	